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First Named Inventor Justin Stephen Bryans Group Art Unit 1621

Examiner Name Attorney Docket Number 5661-01-DRK

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ATTY. DOCKET NO. 5661-01-DRK

SERIAL NO. 10/019,993

APPLICANT

JUSTIN STEPHEN BRYANS, ETAL.

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| | | 5 | 6 | 5 | 4 | 3 | 0 | 1 | 8/5/97 | Kohn et al | 514 | 231.2 | |
| | | 4 | 2 | 0 | 3 | 9 | 8 | 8 | 5/20/80 | Bolhofer et al. | 424 | 266 | |
| | | 4 | 2 | 4 | 1 | 0 | 7 | 2 | 12/23/80 | Bolhofer et al. | 424 | 270 | |
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| | | 3 | 1 | 6 | 3 | 6 | 5 | 4 | 12/29/64 | Hiltmann et al. | 260 | 294 | |
| | | 3 | 0 | 1 | 6 | 3 | 8 | 2 | 01/09/62 | Wright et al. | 260 | 294 | |
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| | | 4 | 2 | 8 | 6 | 1 | 0 | 6 | 08/25/81 | Kane et al. | 564 | 220 | |
| | | 4 | 1 | 8 | 0 | 5 | 2 | 2 | 12/25/79 | Kane et al. | 260 | 562 | |
| | | 5 | 0 | 0 | 1 | 1 | 5 | 9 | 03/19/91 | Hoornaert et al. | 514 | 619 | |
| | | 5 | 0 | 7 | 5 | 3 | 2 | 5 | 12/24/91 | Hoornaert et al. | 514 | 357 | |
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| | | 3 | 5 | 7 | 3 | 3 | 2 | 0 | 03/30/71 | Jansen et al. | 260 | 305 | |
| | | 5 | 4 | 5 | 3 | 5 | 3 | 3 | 9/26/95 | Luo et al. | 560 | 142 | |
| | | 4 | 9 | 5 | 2 | 5 | 8 | 4 | 8/28/90 | Thompson et al | 514 | 292 | |
| | | 4 | 8 | 7 | 7 | 8 | 7 | 6 | 10/31/89 | Tsuji et al | 544 | 133 | |
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| | | 5 | 4 | 0 | 3 | 8 | 4 | 2 | 4/4/95 | Leonardi et al | 514 | 252 | |
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| Ci international Sea | rch Report, PCT/GB00/01788 |
|--|--|
| ELSLAGER et al., "R Hydroxychloroquine, Potential Long-Acting 500-607 | rich Report, PCT/GB00/01788 despiratory Drugs. VIII. Ester and Amide Congeners of Amodiaquine, Oxychloroquine, Primaquine, Quinacrine and Related Substances as Antimalarial Agents", L. Med. Chem., (1969), Vol. 12, No. 4, pressical Abstract "Synthesis and pharmacological properties of N-thienylour. J. Med. Chem., (1988), Vol. 23, No., 6, pages 553-559 Studies on the Synthetic Analgesics. XVII. Syntheses of 2-(N-teri-othiophen", Chem. Pharm.Bull., (1962), (Tokyo) Vol. 10, No. 11, Thesis and Antihypertensive Properties of New 3-Hydrazinopyridazine |
| CA 60: 16390f, Chem | ical Abstract |
| RONSISVALLE et al. alkylenediamines", E | , "Synthesis and pharmacological properties of N-thieny), ur. J. Med. Chem., (1988), Vol. 23, No., 6, pages 553-559 |
| SUGIMOTO et al., "S Aminoalkylacylamino pages 1061-4 | Studies on the Synthetic Analgesics. XVII. Syntheses of 2-(N-teri-VI)thiophen", Chem. Pharm. Bull., (1962), (Tokyo) Vol. 10, No. 11, |
| | nesis and Antihypertensive Properties of New 3-Hydrazinopyridazine Chem., (1975), Vol. 18, No. 7, pages 741-746 |
| CA 60: 2911e, <u>Chemi</u> | cal Abstract |
| | nhibitors of Gastric Acid Secretion: Antisecretory 2-Pyridylurea Chem., (1983), Vol. 26, No. 4, pages 538-544 |
| | cochemical Studies on Drugs. Part 11. Conformation of alkylated 2-ind their relation with morphine structure", <u>Eur. J. Med. Chem.</u> , (1982), 207-215 |
| CA 61: 10659 d, e, f, | Chemical Abstracts |
| WRIGHT, et al., "Syn Chem., (1961), Vol. 2 | othetic Analgesics. II. Basic Anilides and Carbanilates", I, Org. 26, pages 476-485 |
| | othetic Analgesics. III. Basic Anilides and Carbanilates Containing the Org. Chem. (1961), Vol. 26(2), pages 485-490 |
| CA 64: 3422e, <u>Chemi</u> | cal Abstracts |
| CA 63: 5562f, Chemic | cal Abstracts |
| CA 59: 12704h, Chem | nical Abstracts |
| CA 59: 12705a, Chem | nical Abstracts |
| | IN et al, "Structure-activity relation in local anesthetics. II. Amidines arm. Fr., (1982), Vol. 40, No. 3, pages 231-40 |
| Physico-chemical prop | Structure-activity study in a series of local anesthetic agents. I. perties and molecular orbital study. Correlation with their ctivity", Eur. L. Med. Chem., (1978), Vol 13, No. 2, pages 121-6 |
| | -(Acylamino) pyridine derivatives with morphine agonistic and properties", ArzneimForsch., (1974), Vol 24, No. 4, pages 584-600 |
| | Mass spectrometric cleavage of a N-substituent from monoacylated 1, Org. Mass Spectrum, (1978), Vol. 13, No. 1, pages 17-19 |
| 2-(Disubstituted amir Med. Chem., (1968), | Oxo-1,2,3,4-tetrahydroquinazolines. II. Synthesis of 1-Alkyl-and 1-no)ethyl]-2-methyl-3-aryl-4-oxo-1,2,3,4-tetrahydroquinazolines, J. Vol. 11, pages 788-92 |
| y 2-deoxyglucose. A | IN et al, "Comparative rvations on the inhibition of histamine release ng.", Anesth., Analg., Reanim., (1968), Vol 25, No. 1, pages 35-43 |
| Sci., (1967), Vol., 56 | npounds: Amides Derived from 2-(2-Pyridyl) ethylamines", <u>J. Pharm.</u> , No. 9, pages 1202-5 |
| CA 62: 14538g, Chen | |
| CA 61: 1780c, Chemi | |
| CA 59: 13847f,h, Che | |
| CA 59: 13848a, Chem | |
| CA 55: 24612e,f, Che | mical Abstracts |
| CA 55: 5504i, Chemis | |

| | CA 55: 5505a, Chemical Abstracts |
|----------|--|
| | CA 55: 5505a, Chemical Abstracts CA 53: 22507a, Chemical Abstracts CA 53: 14034e, Chemical Abstracts Beilstein Registry Number: 3302274 Beilstein Registry Number: 3387876 Beilstein Registry Number: 3403499 |
| | CA 53: 14034e, Chemical Abstracts |
| | Beilstein Registry Number: 3302274 |
| | Beilstein Registry Number: 3387876 |
| | Beilstein Registry Number: 3403499 |
| | Beilstein Registry Number: 3408732 |
| | Beilstein Registry Number: 3887209 |
| | Beilstein Registry Number: 3888888 |
| | Beilstein Registry Number: 3889259 |
| | Beilstein Registry Number 321504 |
| | Beilstein Registry Number 3891877 |
| | GUERRERA et al, "Synthesis of 1-alkyl-3-dialkylaminoalkylamine[1]benzothieno[2,3-b]pyrazin-2(1H)-ones and their ability to antagonize KC1-induced contractions", Eur. L. Med. Chem., 1996), Vol 31, pages 607-613 |
| | ELSLAGER et al, "Synthetic Schistosomicides. VIII. N-Mono-and N,N-Dialkyl-N'-(4-arylazo-1-naphthyl)alkylenediamines and Related Compounds", <u>L. Med. Chem.</u> , Vol. 9, No. 3, page 378-91 |
| | ELDERFIELD et al, "Synthesis of Simple 2-Phenyl-8-aminoquinoline Derivatives", L Amer. Chem. Soc., (1946) pages 1589-1591 |
| | Beilstein Registry Number: 281939 |
| | Beilstein Registry Number: 302591 |
| | Beilstein Registry Number: 339482 |
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